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RADC-TR-68-114, Volume IV
Final Report



DATA COLLECTION FOR NONELECTRONIC RELIABILITY HANDBOOK
(NEDCO II)

Volume IV, Section II, Stress Level Data/Part Number

William Yurkowsky
Hughes Aircraft Company

TECHNICAL REPORT NO. RADC-TR-68-114
June 1968

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Rome Air Development Center
Air Force Systems Command
Griffiss Air Force Base, New York

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Rome Air Development Center
Air Force Systems Command
Griffiss Air Force Base, New York

EXPLANATION OF NEDCO II DATA FORMAT

The computer printout of nonelectronic data is presented in three sections: Section I - Failure Rate Data, Section II - Stress Level Data/Part Number, and Section III - Failure Mode Distributions.

Format of Section I - FAILURE RATE DATA

PART CLASSIFICATION: Parts are classified by generic type, utilizing the first five digits of the IDEP code for part classification. In the NEDCO format, the first three digits of the IDEP code appear with the part type at the top of the page. The fourth and fifth digits of the IDEP code appear with the IDEP part descriptors and are intended as subheadings on each page. Consistent with the IDEP definition, "N.O.C." means "Not Otherwise Classified," in part class or subheading.

PART DESCRIPTION: Additional part descriptive information is presented in this field. The specific part name is listed here when the IDEP classification only groups several similar part types.

FUNCTIONAL APPLICATION: This field describes the subsystem or application in which the part is used. Also, certain operating conditions may appear in parentheses in this field. When the same letter used as a suffix on failure rate, upper 90% confidence limit, and part-hours may have more than one meaning (e.g., M = MISSIONS or M = MILES), its meaning for that line item of data is explained in this field.

ENVIRONMENT: The operating environment is given by the following abbreviations:

- LAB = LABORATORY
- GRD = GROUND
- GRD FXD = GROUND, FIXED
- GRD MOB = GROUND, MOBILE
- GRD PORT = GROUND, PORTABLE
- SHP = SHIPBOARD
- SUB = SUBMARINE
- SAT = SATELLITE
- AIR = AIRCRAFT
- AIR CB = AIRCRAFT, CARRIER BASED
- AIR LB = AIRCRAFT, LAND BASED
- MSL = MISSILE
- GEN = GENERAL
- LIFE, LAB = LIFE TEST, LABORATORY
- LIFE, ACC = LIFE TEST, ACCELERATED
- ACCEPT TEST = ACCEPTANCE TEST
- STOR = STORAGE
- AIR GRD = AIR, GROUND
- AIR SHP GRD = AIR, SHIP, GROUND
- HELI = HELICOPTER
- QUAL TEST = QUALIFICATION AND EVALUATION TEST

SIM GRD = SIMULATED GROUND
 SIM SHP = SIMULATED SHIPBOARD
 SIM SUB = SIMULATED SUBMARINE
 SIM SAT = SIMULATED SATELLITE
 SIM MSL = SIMULATED MISSILE
 SIM HTLI = SIMULATED HELICOPTER
 SIM ALI = SIMULATED AIRCRAFT
 GRD SHP = GROUND, SHIP
 RR = RAILROAD
 SIM GRD AIR = SIMULATED GROUND, AIR

FAILURE RATE: Failures per million operating hours are given unless the failure rate is suffixed by a letter. The letter indicates that the failure rate is expressed in failures per million units explained either in the FUNCTIONAL APPLICATION field or as follows:

A = Actuations
 C = Cycles
 R = Rounds
 P = Premature removals per million hours

An asterisk (*) indicates 0 failures.

UPPER 90% CONFIDENCE LIMIT: The upper one-sided 90% confidence limit is given in the units of the failure rate. Letters in suffix relate to units as in the FAILURE RATE field.

PART POPULATION: Total number of parts under observation are given in this field.

PART-HOURS: This field indicates total test time in millions of part-hours unless there is a letter in suffix. The letter is on the same code as the FAILURE RATE field.

YEAR OF REPORT: This date is the one appearing with the originator's data contribution and may represent either the date the data was generated or the date it was published.

DATA SOURCE: This field is a coded indication of the source of the data (see NEDCO II Source List), and is intended for RADC use only.

CROSS INDEX REFERENCE NUMBER: This number relates the failure rate data in Section I to the stress and failure mode information in Sections II and III. The suffix "A" on a number means that there exists supplemental information for the entry in Section II.

Format of Section II - STRESS LEVEL DATA/PART NUMBER

CROSS INDEX REFERENCE NUMBERS: This number relates to the failure rate data in Section I.

MILITARY STANDARD PART NUMBER/FEDERAL STOCK NUMBER: The number provided may be a Military Standard part number or a federal stock number.

PERCENT OF RATED VOLTAGE: The number indicated is the percent of the vendor-rated voltage at which the part was operated.

PERCENT OF RATED CURRENT: The number indicated is the percent of the vendor-rated current at which the part was operated.

PERCENT OF RATED POWER: The number indicated is the percent of the vendor-rated power at which the part was operated.

PERCENT OF RATED FREQUENCY: The number indicated is the percent of the vendor-rated frequency at which the part was operated.

PERCENT OF RATED PRESSURE: The number indicated is the percent of the vendor-rated pressure at which the part was operated.

TYPICAL TEMPERATURE: The number indicated is the ambient temperature of the part in degrees Centigrade which was experienced during operation.

HIGH TEMPERATURE: The number indicated is the greatest ambient temperature of the part in degrees Centigrade which was experienced during operation.

LOW TEMPERATURE: The number indicated is the lowest ambient temperature of the part in degrees Centigrade which was experienced during operation.

FREQUENCY OF SINUSOIDAL VIBRATION: The numbers indicated are an individual value or range of values for the frequency of sinusoidal vibration experienced by the part during operation. Values are presented in terms of cycles per second. The abbreviation K or M in this column indicates respectively kilocycles or megacycles.

INTENSITY OF SINUSOIDAL VIBRATION: The numbers indicated are an individual value or range of values for the intensity of sinusoidal vibration experienced by the part during operation. Values are presented in units of g (root-mean-square value).

INTENSITY OF RANDOM VIBRATION: The number indicated is the intensity of random vibration experienced by the part during operation. Values are presented in terms of the unit g^2 per cycle per second.

ACOUSTICAL VIBRATION: The number indicated is the intensity of acoustical vibration experienced by the part during operation. Values are presented in terms of decibels.

MAXIMUM INTENSITY OF SHOCK: The number indicated is the maximum intensity of shock experienced by the part during operation. Values are presented in units of g.

DURATION OF SHOCK: The number indicated is the average duration of individual shock blows experienced by the part during operation. Values are presented in terms of milliseconds.

SHOCK BLOWS PER HOUR: The number indicated is the average number of shock blows per hour experienced during operation

TYPICAL PRESSURE: The number indicated is the typical barometric pressure experienced by the part during operation. Values are presented in terms of pounds per square inch absolute.

PRESSURE RANGE: The numbers indicated are the range of barometric pressures experienced by the part during operation. Values are presented in terms of pounds per square inch absolute.

TYPICAL RELATIVE HUMIDITY: The number indicated is the typical relative humidity in percent experienced by the part during operation.

RANGE OF RELATIVE HUMIDITY: The numbers indicated are the range of relative humidity in percent experienced by the part during operation.

Format of Section III - FAILURE MODE DISTRIBUTIONS

CROSS INDEX REFERENCE NUMBER: This number relates to the failure rate data in Section I. A missing cross index reference number indicates that failure rate information is unknown for that line entry.

FAILURE MODES BY PERCENT OF TOTAL FAILURES: The percent of the total number of failures attributed to a particular failure mode is given under a numerical heading in parentheses. The heading number corresponds to a numbered list of possible failure modes given at the beginning of the page(s) for each separate part type.

JANUARY 1968

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY			
		VOL CUR POW FREQ PRE TAG REN ER QUE SSU E T				DEGREES C				INT INT INT INT RHS GXG CPS				MAX DUR BLO INT MS				TYP RANGE PSI PSI A A							
		FREQ				INT				INT				INT				TYP RANGE							
		25 30 20 30				71 -54 20-30				.65															
03304000																									
03340000	5985-538-7464																								
03358000																									
03444000	5110-222-0453																								
03568000	1620-016-4870																								
03614000																									
03666000	3110-804-7427																								
03672000	3110-227-2822																								
03676000	8110-142-4473																								
03900000																									
03978000																									
03980000																									
03988000	3110-773-9554																								
04008000																									
04010000																									
04018000																									
04020000																									
04086000	3120-723-2504																								
04098000	3120-912-6824																								
04102000	3120-912-6824																								
04118000	3120-876-8796																								
04160000	5306-804-3865																								
04182000																									
04184000																									
04192000																									
04194000	3110-058-6722																								
04234000	1560-225-5800																								
04278000	1620-125-7323																								
04286000	1560-669-7798																								
04350000																									
04352000																									
04354000																									
04356000																									
04370000																									
04376000																									
04378000																									
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04382000																									
04388000																									
04396000																									
04394000																									
04398000																									
04402000																									
04404000																									
04406000																									
04408000																									

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PARL. NO. 1

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION MECHANICAL				SHOCK				-PRESSURE-		RELATIVE HUMIDITY
		VOL CUR POW FREQ		DEGREES C		INT		INT		INT		INT		INT		INT				
		TAG REM ER	QUE SSU	TYP	HIGH LOW	CPS	RMS	G	DB	SEC	HR	PSI	PSI	PSI	PSI	PSI				
05792000						21	27	16												
05796000																				
05800000	10					45												85		
05802000						27	49	-40	25-100	.02-.3								60		
05804000						80F												30		
05806000						25														
05816000						55	55	-54	20-60	2								35		
05820000						55	55	-55	30	2								100		
05834000						80F												30		
05888000																				
05892000						55	55	-54	20-60	2								35		
05904000																				
05906000																				
05916000																				
05926000																				
05928000						80F												30		
05932000						80F												30		
05950000	1						55	-54	25	.7										
05952000	1						55	-54	25	.7										
05954000																				
05992000	100						125													
05994000	100						125													
05996000	150						125													
05998000	100						125													
06000000																				
06040000																				
06104000																				
06156000																				
06234000																				
06236000																				
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06244000																				
06278000																				
06300000																				
06400000																				
06500000																				
06512000																				
06534000																				
06540000	665-447-9654																			
06550000																				
06554000																				
06792000																				
06810000																				
06822000																				
06824000																				

JANUARY 1968

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JANUARY 1968

SECTION I:

[illegible]

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II STRESS LEVEL DATA/PART NO

NONELECTRONIC PART FAILURE RATE DATA
 JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY				
		-MECHANICAL-				-ACG-				-UST-				-DB-				-A-								
		VOL	CUR	PWR	FRE	PRE	DEGREES	C	FREQ	INT	RMS	G	CPS	INT	INT	MAX	DUR	BLG	WS	AIL	PER	PSI	PSI	TYP	RANGE	PERCENT
		E	T		NCY	RE	TYP	HIGH	LOW	CPS																
08876000																										
08898000																										
08900000																										
08910000																										
08912000	MS25395-1																									
08914000	6605-552-0631																									
08926000																										
08928000																										
08942000																										
08972000																										
09122000	6340-898-3432																									
09170000		100	75	75	100	50	21	41	4.4																	
09172000		100	75	75	100		21	41	4.4																	
09174000		100	75	75	100		21	41	4.4																	
09176000	1560-226-2579																									
09184000																										
09218000																										
09264000																										
09280000																										
09284000																										
09322000																										
09326000	1660-021-5440																									
09328000	1660-021-5439																									
09330000	1660-071-6380																									
09410000	1560-019-5725																									
09662000																										
09666000																										
09674000																										
09694000																										
09696000																										
09736000																										
09738000																										
09764000																										
09772000																										
09810000																										
09828000																										
09854000	1660-573-1742																									
09856000																										
09858000	1660-573-1743																									
09860000	6340-014-3311																									
09912000	6340-014-3311																									
09916000	6605-447-9665																									
09920000																										
10002000																										
10050000																										
10198000																										

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II STRESS LEVEL DATA/PART NO

NONELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

		-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-		RELATIVE HUMIDITY			
										MECHANICAL													
										SINUSOIDAL				RDM				AGG					
										INT				INT				INT					
										RMS				G				DB					
										G				CPS				6					
										CPS				HR				A					
										CPS				CPS				A					
										CPS				CPS				A					
										CPS				CPS				A					
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CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-		-VIBRATION-				-SHOCK-		-PRESSURE-		RELATIVE HUMIDITY PERCENT						
		VOL CUR POW FREQ PRE		DEGREES C		TYP	HIGH	MECHANICAL		INDUSTRIAL		INT	MIL PER	DB	G							
		TAG	REN	ER	QUE			RMS	G	INT	G											
					NCY	RE																
		E	T																			
11440000	6340-789-8458																					
11440000																						
11460000	6340-789-8461																					
11460000	1560-686-5617																					
11575000	1680-728-1002																					
11578000	1680-015-1701																					
11580000	1680-570-7673																					
11602000	5340-706-1715																					
11732000						N	72F									75						
11734000						N	80F									30						
11742000						N	72F									75						
11756000	1650-759-3477																					
11892000	1650-667-6317																					
11904000	1650-761-2688																					
11922000	1650-221-4311																					
11940000	1650-221-4313																					
11946000																						
11948000																						
11960000	1650-761-2688																					
12048000																						
12068000																						
12078000																						
12090000																						
12092000																						
12104000																						
12132000																						
12236000																						
12328000																						
12330000																						
12340000																						
12342000																						
12418000																						
12420000	4440-594-2443																					
12438000																						
12440000	2835-869-1844																					
12588000	1560-750-5797																					
12652000	1560-777-0123																					
12680000	1560-789-4675																					
12712000	1560-789-4658																					
12724000	1560-906-9447																					
12746000	1560-868-5624																					
12872000	1560-777-0120																					
12902000	1560-872-0444																					
12930000	1560-772-7808																					
12972000	1560-772-7905																					
12994000	1560-757-3888																					

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-			-TEMPERATURE-			-VIBRATION-			-SHOCK-			-PRESSURE-			RELATIVE HUMIDITY		
		VOL TAG E	CUR REN T	PRE QUE NCY	FRE RE SSU	C CPS	HIGH LOW	FREQ CPS	INT RMS G	INT GXG CPS	ICA L	MAX INT	DUR 6 SEC	BLG PER HR	TYP RANGE A	TYP RANGE A	PERCENT PSI	TYP RANGE A	TYP RANGE A
12996000	1560-789-9681																		
13000000	1560-736-7268																		
13022000	1560-276-2499																		
13036000	1560-276-4964																		
13104000	1560-076-1156																		
13204000	1560-789-9672																		
13208000	1560-758-1810																		
13304000																			
13308000																			
13346000																			
13350000																			
13396000	1650-757-3862																		
13458000	6A0140-532-8779																		
13490000	6J140-532-8750																		
13500000																			
13504000	2A0140-532-8751																		
13510000																			
13520000																			
13554000																			
13608000																			
13626000	1560-076-4856																		
13628000	1560-797-1231																		
13634000	2835-626-5562																		
13638000	1560-669-7891																		
13644000	1550-738-9607																		
13648000	1560-759-7124																		
13702000	1560-789-5877																		
13810000	1560-789-4660																		
13864000	1560-780-3816																		
13872000	1560-789-9807																		
13876000	1560-021-8374																		
13948000	1560-012-7862																		
13982000	1560-789-9667																		
13990000	5340-783-8878																		
14048000																			
14050000	1560-076-4811																		
14078000	1560-780-3854																		
14082000	1560-759-7673																		
14354000	1560-011-1209																		
14362000	2915-074-0433																		
14376000																			
14408000	2910-541-3486																		
14440000	1650-666-8231																		
14450000	1650-759-3479																		
14578000																			
14580000																			

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y., JANUARY 1968
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED- VOL CUR POW FRE PRE TAG REN ER QUE SSU E T		-TEMPERATURE- DEGREES C TYP HIGH LOW		FREQ CPS		INT RMS G		INT GXS CPS		ICA L		MAX DUR INT MS		-PRESSURE- TYP RANGE PSI PSI A A		-SHOCK- DB G SEC HR		RELATIVE HUMIDITY PERCENT	
15036000				41	65	-37	10-2K	3.5		.05				100	6					0-95	
15044000	5306-054-5940																				
15058000		N	72F																		60
15156000	1560-138-3297																				
15328000	1650-497-7296																				
15358000	1650-497-7296																				
15360000	1650-757-3861																				
15362000	1650-757-3861																				
15364000				21	71		20			.2				20	20	6	750	15		95	90
15404000	1650-497-7296																				
15414000																					
15444000	1650-497-7296			21	102	-54	20			.2				20	20	6	0	65			
15458000	1650-757-3861																				
15462000	1650-757-3861																				
15522000																					
15524000																					
15526000																					
15662000																					
15664000																					
15668000																					
15706000				100	21	71	SBI	20-2K	26		.2			20	20	6				95	
15708000																					
15714000	2835-347-9982																				
15752000																					
15842000																					
15862000																					
15886000																					
15896000				100	21	102	-54	20-2K	26		.2			20	20	6					
15902000																					
15926000																					
15930000																					
15934000																					
15936000																					
15938000																					
15942000																					
15962000																					
15964000																					
16130000	1620-027-1171																				
16164000																					
16180000	4730-763-1834																				
16190000																					
16208000	2835-076-6463																				
16228000	1560-076-8251																				
16316000																					
16340000	2920-776-4482																				
16364000																					

JANUARY 1968

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY			
		VOL CUR POW FREQ PRE		TAG REN ER QUE SSU		DEGREES C		FREQ		INT RMS		INT GXG		MAX DUR BLO		INT		TYP RANGE		PSI		PERCENT		TYP RANGE	
		E	T	NCY	RE	TYP	HIGH	LOW	CPS	G	CPS	DB	UST	G	SEC	HR	A	A	A	A	A	A	A	A	A
17524000	5925-837-7944																								
17528000	5925-837-7944																								
17536000	5925-812-1987																								
17560000	5925-822-4394																								
17572000	5925-822-4394																								
17574000	5925-837-7944																								
17578000	5925-837-7944																								
17582000	5925-837-7944																								
17586000	5925-837-7944																								
17602000	5925-835-4431																								
17608000	5925-837-7944																								
17612000	5925-837-7944																								
17614000	5925-837-7944																								
17622000	5925-837-7944																								
17630000	5925-837-7944																								
17638000	5925-837-7944																								
17642000	5925-837-7944																								
17644000	5925-837-7944																								
17650000	5925-837-7944																								
17652000	5925-837-7944																								
17660000	5925-837-7944																								
17682000	5925-812-1987																								
17696000	5925-837-7944																								
17700000	5925-822-4394																								
17734000	5925-837-7944																								
17740000	5925-834-4431																								
17746000	5925-837-7944																								
17748000	5925-837-7944																								
17752000	5925-812-1987																								
17756000	5925-837-7944																								
17808000	5925-837-7944																								
17910000	5925-837-7944																								
17946000	5925-837-7944																								
17948000	5925-837-7944																								
18024000	5925-837-7944																								
18060000	5925-837-7944																								
18062000	5925-837-7944																								
18136000	MS25017																								
18140000	5925-822-4394																								
18142000	MS25017																								
18172000																									
18174000	5925-811-4320																								
18180000																									
18240000																									
18242000																									
18244000																									

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

HOMELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF. NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY			
		VOL CUR POW FRE PRE				DEGREES C				FREQ				INT				TYP RANGE				PERCENT			
		TAG	REN	ER	QUE	SSU	TYP	HIGH	LOW	CPS	RMS	G	INT	INT	INT	INT	INT	MS	PSI	PSI	PSI	PER	PER	PER	PER
		E	T	NCY	RE	RE																			
1826000	1560-C75-8970																								
1834000	1560-204-3701																								
1840000	1560-C11-1210																								
1842000	5340-561-2686																								
1848000	1560-C76-8296																								
1853000	1560-789-9726																								
1859000																									
1860000																									
1864200																									
1864800																									
1872000	2840-576-8406																								
1876000																									
1877000																									
1878000																									
1878200																									
1878600																									
1878800																									
1879000																									
1879200																									
1879400																									
1879600																									
1879800																									
1880800	1560-C16-2107																								
1885400	1560-C74-3365																								
1887000	1560-C79-0145																								
1889600	1560-C72-7865																								
1890400	1560-738-3060																								
1893200	1560-789-9774																								
1893800	1560-C11-1459																								
1895400	1560-C75-8969																								
1895600	1560-018-4983																								
1897000																									
1901000																									
1901200																									
1901400																									
1901600																									
1901800																									
1902000																									
1902200																									
1902400																									
1902600																									
1908600	MS 28775																								
1908800	MS 28775																								
1917600																									
1927800	1560-C76-6593																								

1

SECTION II STRESS LEVEL DATA/PART NO

[illegible]

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II
 STRESS LEVEL DATA/PART NO

NONELECTRONIC PART FAILURE RATE DATA
 JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	VOL CUR POW F3E PRE TAG REN ER QUE SSU E T	-PERCENT OF RATED-		-TEMPERATURE-		-VIBRATION-		-SHOCK-		-PRESSURE-		RELATIVE HUMIDITY	
			FREQ	DEGREES C	TYP	HIGH LOW	CPS	INT RMS	INT GXS	INT DB	MAX DUR BLG INT	TYP RANGE PSI A	TYP RANGE PSI A	PERCENT
20234000	6615-763-5231													
20236000														
20262000														
20366000														
20370000														
20560000														
20704000														
20864000														
22304000	1620-702-8419													
22316000	1620-089-2496													
22348000	3110-796-0020													
22352000														
22388000														
22390000														
22404000														
22416000	5355-693-9740													
22428000	5355-723-5403													
22430000	5355-653-9740													
22432000	5355-723-5403													
22438000	5355-693-9740													
22442000	5355-695-9740													
22504000	1560-077-1171													
22522000	1560-574-6455													
22582000														
22608000														
22610000														
22614000														
22624000														
22652000	5340-329-1824													
22684000	1560-789-9531													
22876000	6620-226-2286													
22912000	1620-244-9766													
22934000	1560-011-1270													
22956000	1560-204-3750													
22970000	1560-526-1356													
22982000	1560-624-9359													
23018000	1560-526-4099													
23074000	1560-739-0643													
23096000														
23186000	1560-679-7362													
23188000														
23190000														
23192000														
23202000	1560-202-5405													
23212000	8115-024-7113													
23230000														

PROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

[illegible]

JANUARY 1968

RELATIVE HUMIDITY

22

JANUARY 1968

NON-ELECTRONIC PART FAILURE RATE DATA

ROBE AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.

SECTION II STRESS LEVEL DATA/PART NO

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-			-TEMPERATURE-			-VIBRATION-				-SHOCK-			-PRESSURE-		RELATIVE HUMIDITY	
		VOL CUR POW FRE PRE			DEGREES C			MECHANICAL				MAX DUR			TYP RANGE			
		TAG REN ER			TYP HIGH LOW			SINUSOIDAL				INT			PSI			
		E	T	NCY RE				FREQ	INT	INT	INT	INT	INT	INT	A	A		
								CPS	RMS	G	DB	G	SEC	HR			TYP RANGE	
25888000																		
25852000																		
29854000																		
25086000																		
25974000																		
25906000																		
25920000																		
25924000																		
25930000																		
25944000																		
25954000																		
30230000																		
30232000																		
30234000																		
30242000																		
30304000																		
30314000																		
30342000																		
30416000																		
30418000																		
30420000																		
30422000																		
30436000																		
30478000																		
30516000																		
30536000																		
30542000																		
30574000																		
30576000																		
30580000																		
30594000																		
30714000																		
30730000																		
30788000																		
30864000																		
30982000																		
31012000																		
31070000																		
31072000																		
31076000																		
31078000																		
31080000																		
31144000																		
31228000																		
31248000																		
31250000																		

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1960

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY			
		VOL CUR POW FAE PRE		DEGREES C		FREQ		INT		INT		INT		INT		INT		INT		INT		INT		INT	
		Y	E	Y	E	Y	E	Y	E	Y	E	Y	E	Y	E	Y	E	Y	E	Y	E	Y	E	Y	E
31282000																									
31286000																									
31448000	1560-682-6066																								
31454000																									
31456000																									
31514000	5935-620-4380																								
31626000																									
31628000																									
31640000	1680-015-1705																								
31644000																									
31670000	6545-919-6650																								
31696000	1560-225-5756																								
32038000																									
32042000																									
32076000																									
32080000																									
32084000	2835-076-6465																								
32126000	1560-016-1997																								
32152000	6610-991-1269																								
32158000	6A1440-831-1554																								
32238600																									
32268000																									
32284000																									
32294000	4730-011-0050																								
32414000																									
32432000	5340-057-1817																								
32528000	1680-015-1707																								
32582000	1560-738-9989																								
32586000	1560-679-7078																								
32854000	1560-769-9910																								
32862000	1560-738-3248																								
32894000	1560-736-7264																								
32940000																									
32942000																									
32960000																									
33064000	1560-077-3517																								
33104000	1670-075-6273																								
33226000	2835-874-3275																								
33306000																									
33340000	1560-789-9763																								
33386000	1620-872-2361																								
33388000	1620-075-6274																								
33394000																									
33436000	1560-077-0140																								
33454000	1560-019-5723																								
33554000	1560-019-5745																								

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

CROSS
INDEX
REF NO

-PERCENT OF RATED-		-TEMPERATURE-		---SINUSOIDAL---			---RDM---			---UST---						
WOL	CUR	PWM	FRE	PRE	FREQ	INT	INT	INT	INT	ICA	MAX	DUR	BLO	TYP	RANGE	PERCENT
TAG	REN	ER	QUE	SSU	DEGREES	C	RMS	GXG	L	MS	INT	G	SEC	HR	PSI	PSI
E	I	RE	RE	RE	TYP	HIGH	LOW	CPS	DB	DB	G	SEC	HR	A	A	TYP ²

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1960

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR POW FRE PRE				DEGREES C				MECHANICAL				ACG				TYP RANGE				PERCENT	
		TAG	REN	ER	QUE	SSU	TYP	HIGH	LOW	FREQ	INT	INT	INT	MAX	DUR	BLG	MS	PSI	FSI	A	A	TYP RANGE	
		E	T	NCV	RE					CPS	G	RMS	GXG	L	INT	G	SEC	HR					
35132000																							
35156000							N	80 F															30
35226000																							
35232000																							
35236000																							
35240000																							
35244000																							
35248000																							
35256000																							
35260000																							
35264000																							
35268000																							
35272000																							
35276000																							
35280000																							
35292000							N	80 F															30
35302000																							
35492000							N	72 F															60
35494000							N	72 F															75
35496000							N	72 F															75
35514000																							
35516000																							
35518000																							
35568000																							
35570000																							
35572000																							
35574000																							
35588000																							
35606000																							
35622000																							
35624000																							
35688000																							
35724000																							
35774000																							
35793000																							
35828000																							
35858000																							
35860000																							
35862000																							
35902000																							
35962000																							
36004000																							
36074000																							
36076000																							
36228000																							
36322000																							

JANUARY 1968

NONELECTRONIC PART FAILURE RATE DATA

Rome AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.

SECTION II STRESS LEVEL DATA/PART NO

-----VIBRATION-----ACQ-----SHOCK-----PRESSURE-----RELATIVE
 -----MECHANICAL-----UST
 -----SINUSOIDAL-----RDM-----

-----TEMPERATURE-----
 -PERCENT 3F RATED- DEGREES C FREQ INT INT INT MAX DUR BLO TYP RANGE TYP RANGE
 VOL CUR POW FRE PRE TAG REN ER QUE SSU HIL PER PSI PSI
 E T T NCY RE TYP HIGH LOW CPS G DB G SEC HR A A TYP RANGE

CROSS
 INDEX
 REF NO

MIL STD PART NO/
 FEDERAL STOCK NO

1560-780-3773
 2835-753-1443

1560-075-8888
 6605-557-0330
 1620-027-1194
 2835-546-4595

1220-785-8395
 6605-554-4968

100 80 25 27 23
 60
 100 100 25 30 20
 10 10 25 30
 100 100 24 35 18

0-1
 55-10

3632000
 3633000
 3634000
 3635000
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 3640000
 3641000
 3642000
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 3673000
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 3680000
 3681000
 3682000
 3683000
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 3685000
 3686000
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 3688000
 3689000
 3690000

JANUARY 1968

Figure 2

28

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-			-TEMPERATURE-			-VIBRATION-			-SHOCK-			-PRESSURE-			RELATIVE HUMIDITY		
		VOL CUR POW FREQ PRE			DEGREES C			MECHANICAL			ACB			TYP RANGE			PERCENT		
		TAG REN ER QUE SSU			TYP HIGH LOW			SINUSOIDAL			RDM			PSI			TYP RANGE		
		E	T	NCY RE	1	2	3	INT	RMS	G	INT	INT	L	DB	G	SEC	HR	A	A
37512000																			
37514000																			
37528000																			
37544000																			
37554000																			
37558000																			
37560000																			
37568000																			
37570000	6AQ1440-768-5441																		
37572000																			
37580000																			
37594000																			
37596000																			
37598000																			
37602000	6AQ1440-768-5430																		
37608000																			
37610000																			
37612000																			
37618000																			
37620000																			
37630000	5841-650-5953																		
37642000	6AX1440-531-2675																		
37644000																			
37662000																			
37698000																			
37710000	6AQ1440-530-9856																		
37758000	1560-908-4642																		
37760000	1560-C12-7847																		
37820000																			
37936000																			
38108000																			
38270000																			
38500000	1560-077-1088																		
38528000																			
38550000																			
38570000																			
38582000																			
38626000																			
38690000																			
38700000	1560-738-9479																		
38720000	5831-060-9857																		
38778000																			
38782000	1580-077-9594																		
38810000																			

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATES-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY								
		VOL CUR POW PRE PRE				DEGREES C				SINUSOIDAL				ACQ				TYP RANGE					PERCENT							
		TAG	REN	ER	QUE	SSU	TYP	HIGH	LOW	CPS	FREQ	INT	RMS	INT	G	INT	G	INT	DB	G	SEC			HR	PSI	PSI	A	A	TYP RANGE	
		E	T	NCY	RE																									
3888000	1560-789-4610																													
3897000	1560-077-0180																													
3899000	1620-011-0319																													
3904000	5340-677-8114																													
3921000	1560-688-9499																													
3941200	1560-077-0169																													
3944800																														
3945200	1650-757-2481																													
3950000	1650-787-8858																													
3950200	1650-732-2548																													
3953000																														
3954000																														
3954400																														
3955200																														
39528000	2915-659-9775																													
39934000	1650-693-7633																													
39954000																														
40062000																														
40064000																														
40102000	1650-811-3746																													
40103000	1650-277-6357																													
40120000																														
40124000																														
40146000																														
40158000																														
40158000	1650-811-3746																													
40190000	1650-051-3137																													
40244000																														
40298000																														
40300000																														
40362000	1650-541-6954																													
40372000																														
40374000																														
40392000	1650-541-6954																													
40420000	2995-762-0369																													
40424000																														
40428000																														
40464000																														
40470000																														
40472000																														
40476000																														
40482000																														
40484000																														
40502000																														
40504000																														

HOME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION 1: STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION-				-SHOCK-				-PRESSURE-		RELATIVE HUMIDITY		
		VCL		CUR		POW		PRE		DEGREES C		FRQ		INT		INT		TYP			RANGE	
		ER	QUE	SSU	NCY	RE	E	T	RE	RE	RE	RE	RE	RE	RE	RE	RE	RE	RE		RE	RE
40522000																						
40528000																						
40536000																						
40538000																						
40546000																						
40554000																						
40558000																						
40560000																						
40566000																						
40678000																						
40872000																						
41046000																						
41102000																						
41104000																						
41108000																						
41168000																						
41170000																						
41206000																						
41232000																						
41234000																						
41236000																						
41238000																						
41282000																						
41284000																						
41288000																						
41290000																						
41296000																						
41298000																						
41300000																						
41302000																						
41304000																						
41308000																						
41310000																						
41312000																						
41344000																						
41524000																						
41532000																						
41546000																						
41548000																						
41552000																						
41554000																						
41556000																						
41564000																						
41570000																						
41580000																						
41580000																						

0610-991-1270

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

MECHANICAL PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR PBM FRE PRE		DEGREES C		TYP		HIGH LOW		FREQ		INT		INT		INT		TYP		RANGE		PERCENT	
		TAG REN ER	QUE SSU	NCY RE	E	T						RMS	G	G	DB	MIL PER	SEC HR	PSI	A	PSI	A		
41602000																							
41606000																							
41608000																							
41714000																							
41716030																							
41738000																							
41746000																							
41748000																							
41756000	1560-066-7974																						
41774000																							
41796000	1560-738-3124																						
41848000																							
41930000	4110-758-1210																						
41936000																							
41940000																							
41956000																							
42050000																							
42056000																							
42168000																							
42186000																							
42192000																							
42210000																							
42246000																							
42264000																							
42266000																							
42270000																							
42272000																							
42396000																							
42440000																							
42448000																							
42544000	1680-074-1746																						
42546000	1680-869-5539																						
42550000	1680-745-9459																						
42558000	1680-074-1745																						
42564000																							
42582000																							
42596000																							
42650000																							
42658000	2955-759-9072																						
42682000	1650-759-4903																						
42696000	1660-053-8231																						
42704000																							
42732000	1660-071-4275																						
42744000	2955-759-6907																						
42778000	1660-021-5554																						
42802000	2935-661-9955																						

ROHE AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED- VOL CUR POW FREQ PRE TAG REN ER QUE SSU E T NCY RE		-TEMPERATURE- DEGREES C TYP HIGH LOW		-VIBRATION-				-SHOCK-				-PRESSURE- TYP RANGE PSI PSI A A		RELATIVE HUMIDITY PERCENT
						-SINUSOIDAL-		-RDM-		-ACQ		-UST				
						FREQ	INT	INT	INT	ICA	MAX	OUR	RLQ			
						CPS	RMS	G	CPS	DB	G	SEC	HR			
42816000																
42822000																
42824000																
42834000																
42858000																
42862000																
42914000																
42924000																
43018000																
43022000																
43164000																
43174000	6681-393-6098															
43194000																
43196000																
43198000																
43200000																
43232000																
43236000																
43272000																
43386000	5945-686-6877															
43398000	5945-805-5357															
43400000																
43402000																
43416000																
43420000																
43430000																
43446000																
43450000																
43460000																
43462000																
43464000																
43550000																
43560000																
43572000																
43573000																
43620000																
43714000	5945-656-7777															
43726000	5945-626-8552															
43820000	5945-827-9044															
43950000	5945-553-9449															
43980000	5945-679-1852															
44040000																
44060000																
44152000																
44194000																
44196000																

ARMY AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

[illegible]

HOME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y. JANUARY 1968
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

CROSS INDEX	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR POW		FRE PRE		DEGREES C		FREQ		INT		INT		MAX DUR		BLQ		TYP RANGE		PSI			
		TAG	REN	ER	QUE	SSU								INT		INT							
REF NO		E	T	NCY	RE									G		G						TYP RANGE	
44914000	5945-815-3490																						
44920000	5925-764-0167																						
44922000	5945-814-1787																						
44940000	5945-706-9746																						
44944000	5925-583-7521																						
44984000	2920-819-4188																						
44986000																							
44988000																							
44990000																							
44992000																							
44994000																							
44996000																							
44998000																							
45004000																							
45006000																							
45008000																							
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45016000																							
45018000																							
45020000																							
45022000																							
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45168000																							
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45180000																							
45182000																							
45184000																							
45186000																							
45188000																							
45190000																							
45192000																							
45258000																							
45262000																							
45266000																							
45280000																							

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRAGNIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-		-VIBRATION-				-SHOCK-		-PRESSURE-		RELATIVE HUMIDITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		VOL TAG	CUR REN	PRE ER	FRE QUE	DEGREES C	FREQ CPS	HIGH LOW	INT RMS	INT GXG	ICA L	MAX DUR INT	BLG WS	MIL PER SEC	PSI A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

JANUARY 1968

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NAMELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				RELATIVE HUMIDITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		-SINUSOIDAL-				-MECHANICAL-				-ACG				-UST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		VOL	CUR	POW	FRE PRE	DEGREES C	FREQ	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT		INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT

JANUARY 1968

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO		MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATES-				-TEMPERATURE-				-VIBRATION- MECHANICAL				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY
			VOL CUR PGM TAG REN ER	FRE PRE QUE SSU	NCY RE	TYP HIGH LOW	DEGREES C	FREQ	INT RMS	INT G	INT GYG	INT L	ICA	MAX DUR	BLG	INT	MIL PER	PSI	PSI	A	TYP RANGE		
46378000			100	100		85																	
46380000			100	100		85																	
46382000																							
46384000																							
46390000			6																				
46392000			100		125																		
46394000		5945-732-8431																					
46396000						25																	
46398000						25																	
46400000						25																	
46402000						25																	
46404000		5945-810-9499																					
46406000		5945-842-8312																					
46408000																							
46410000		5945-583-6813				93																	
46412000			100																				
46414000			100			100																	
46416000			100			150																	
46418000			100			100																	
46420000			100			150																	
46422000			100			100																	
46424000			100			150																	
46426000			100			100																	
46428000			200			25																	
46430000			267			100																	
46432000			100			25																	
46434000			200			25																	
46436000			200			25																	
46438000			200			150																	
46440000			200			150																	
46442000			267			150																	
46444000			200			150																	
46446000			200			100																	
46448000			200			100																	
46450000			267			150																	
46452000			267			100																	
46454000			200			25																	
46456000			267			25																	
46458000			267			25																	
46460000			267			100																	
46462000			267			150																	
46464000			267			100																	
46466000			100			25																	
46468000			167			125																	
46470000			167			125																	
46472000			100			25																	

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II
STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-		-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY PERCENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		VOL	CUR	PWR	PRE	DEGREES C	FREQ	MECHANICAL		ACQ		INT		MAX	DUR	BLG	TYP	RANGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								TAG	REN	ER	QU2	SSU	INT						INT		L	INT	G	DB	G	SEC	HR	PSI	PSI	A	A	TYP	RANGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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46474000		167		200		25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-		VIBRATION				SHOCK				-PRESSURE-		RELATIVE HUMIDITY
		VOL	CUR	POM	FRE PRE	DEGREES C	FREQ	MECHANICAL		ACO		MAX DUR	BLG	TYP RANGE	PSI	P31		
								INT	RMS	INT	L						INT	
46566000		200				25												
46568000		200				160												
46570000		233				25												
46572000		233				125												
46574000		200				160												
46576000		167				160												
46578000		167				125												
46580000		233				160												
46582000		233				25												
46584000		200				160												
46586000		233				25												
46588000		200				160												
46590000		233				125												
46592000		167				125												
46594000		200				25												
46596000		200				125												
46598000		200				25												
46600000		167				160												
46602000		167				120												
46604000		200				125												
46606000		200				25												
46608000		233				160												
46610000		200				125												
46612000		233				125												
46614000		233				25												
46616000		167				160												
46618000		233				25												
46620000		233				160												
46622000		200				25												
46624000		167				160												
46626000		200				160												
46628000		167				25												
46630000		200				125												
46632000		167				125												
46634000		167				125												
46636000		200				160												
46638000		200				125												
46640000		233				25												
46642000		233				125												
46644000		233				25												
46646000		233				160												
46648000		200				125												
46650000		200				160												
46652000		167				160												
46654000		233				25												
46656000		167				125												

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION-----				-SHOCK----				-PRESSURE-		RELATIVE HUMIDITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		VOL TAG	CUR REN	POM ER	FRE PRE	DEGREES C	FREQ	INT RMS	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	TYP RANGE		PSI	PSI	TYP RANGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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JANUARY 1968

1. The first part of the report, which is the most important, is the introduction. This part should be written in a clear and concise manner, and should provide a brief overview of the project and its objectives. It should also include a statement of the problem being addressed, and a description of the methods used to solve the problem.

[illegible]

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION				SHOCK				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR POW FRE PRE		DEGREES C		TYP		HIGH LOW		FREQ		INT		INT		MAX OUR		TYP RANGE		TYP RANGE		PERCENT	
		TAG REN ER		QUE SSU		PCY RE						RMS		GKG		DB		PSI		PSI			
		E	T									G	CPS	INT	INT	L	IN	A	A	A	A		
4734000C		50	40			25																	
47342000						25		30		30													
47344000		50	40			25																	
4734600C																							
47348000																							
47352000		46				25				30													
47358000						25																	
47370000						25																	
47396000						N 72F																	
4741600C																							
47420000		20						55	-54	25													
4742200C		10						55	-54	25													
47424000		20						55	-54	25													
47428000																							
4743200C		.1				25				30													
47434000						25																	
4743600C																							
47442000																							
47444000																							
47446000																							
47448000																							
47466000																							
47470000																							
47472000																							
47474000																							
47476000																							
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47480000																							
47482000																							
47484000																							
47486000																							
47488000																							
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47518000																							
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47524000																							
47566000																							
47570000																							
47604000																							
47618000																							
47622000																							

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JANUARY 1968

46

JANUARY 1968

47

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

GROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT BF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR POW FRE PRE				DEGREES C				STRESS TOTAL				ACO				TYP RANGE				PERCENT	
		TAG	REN	ER	QUE	SSU	FREQ	INT	RMS	INT	GXG	CPS	DB	INT	MAX	DUR	BLB	MIL	PER	PSI	PSI	A	A
		E	T	MCY	RE	TYP	HIGH	LOW	CPS	G													
50710000	5930-660-3952																						
50712000	5930-709-3072																						
50722000	5930-503-3883																						
50730000	5930-683-1630																						
50744000	5930-538-6834																						
50752000	5930-548-8825																						
50754000	5930-683-1630																						
50774000	5930-660-3952																						
50778000	5930-655-4241																						
50786000	5930-660-3950																						
50798000	5930-683-1629																						
50800000	5930-683-1522																						
50820000	5945-827-2288																						
50830000	5930-259-4648																						
50832000	5930-683-1633																						
50834000	5930-655-4248																						
50860000	5930-813-5596																						
50866000	5930-660-3946																						
50868000	5930-820-5303																						
50870000	5930-820-5303																						
50874000	5930-660-3952																						
50882000	5930-683-1630																						
50884000	5930-820-5303																						
50886000	5930-844-5821																						
50908000	5930-655-4241																						
50914000	5930-660-3951																						
50916000	5930-660-3944																						
50920000	5930-660-3946																						
50928000	5930-683-1632																						
50932000	5930-660-3951																						
50938000	5930-538-6834																						
50942000	5930-501-1749																						
50948000		L					72 F															30	
50956000		N					72 F															60	
50970000		N					72 F															75	
50978000		N					72 F															60	
51028000		N					80 F															30	
51030000		N					30															40	
51058000		N					72 F															75	
51278000	5930-681-4727																						
51280000	5930-683-1629																						
51366000																							
51376000	5963-681-4727																						
51374000	5930-503-3883																						

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION				---SHOCK---				RELATIVE HUMIDITY			
		VOL CUR POW FRE PRE				DEGREES C				---SINUSOIDAL---				---ACG				TYP RANGE			
		TAG KEN ER QUE SSU				TYP HIGH LOW				INT INT INT INT				ICA MAX DUR BLG				PERCENT			
		E	T	NCY	RE	TYP	HIGH	LOW	CPS	FREQ	RMS	G	DB	INT	INT	INT	INT	PSI	PSI	HR	A
51378000	5930-683-1632																				
51384000	5930-058-9453																				
51532000	5930-681-4727																				
51598000	5930-905-0898																				
51604000																					
51608000	5930-642-9657																				
51610000	5930-905-0898																				
51618000																					
51626000																					
51690000	5930-717-3257																				
51702000																					
51708000																					
51732000																					
51762000																					
51766000																					
51768000																					
51770000																					
51772000																					
51774000																					
51838000	5930-757-8594																				
51912000																					
51914000																					
51918000																					
51926000																					
51980000	1285-446-2753																				
52086000																					
52100000																					
52220000	5930-776-3711																				
52280000	5930-660-3946																				
52290000																					
52304000	1A1440-532-8301																				
52310000																					
52322000																					
52326000	5930-538-6834																				
52328000																					
52356000	5930-538-6834																				
52376000	5930-905-0897																				
52384000																					
52400000																					
52516000	5930-538-6834																				
52520000																					
52594000																					
52618000																					
52620000																					
52622000																					

HOME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II

HOMELECTRONIC PART FAILURE RATE DATA

JANUARY 1960

STRESS LEVEL DATA/PART NO

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION-----				---SHOCK---				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR POW FRE PRE				DEGREES C				MECHANICAL-----				---ACB				TYP RANGE				PERCENT	
		TAC	REN	ER	QUE	SSU	FREQ	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	MIL PER	HR	PSI	PSI	TYP RANGE	
		F	T	NCY	RE		CPS	G	CPS	DB	G	SEC	HR	A	A	A	A					TYP RANGE	
52678000																							
52680000																							
52682000																							
52684000																							
52692000																							
52766000	5930-683-1628																						
52776000	5930-054-9584																						
52810000	5930-660-3945																						
52812000	5930-660-3954																						
52822000	5930-503-5883																						
52830000	1680-226-2168																						
52872000	5930-755-2730																						
52888000																							
52894000	5930-717-3257																						
52902000																							
52930000																							
52953000	5930-058-9469																						
52978000																							
52992000	5930-071-1485																						
53002000	5930-071-1485																						
53016000																							
53028000																							
53048000																							
53050000																							
53058000	5930-717-3257																						
53070000																							
53072000																							
53074000																							
53076000																							
53086000																							
53098000	5930-712-7515																						
53104000																							
53120000																							
53122000																							
53124000																							
53128000																							
53130000																							
53142000																							
53144000																							
53156000																							
53158000																							
53160000																							
53174000	5930-719-5682																						
53180000	5930-054-5944																						
53198000																							

JANUARY 1968

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JANUARY 1968

NONELECTRONIC PART FAILURE RATE DATA

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-		-TEMPERATURE-		-SINUSOIDAL-		-MECHANICAL-		-SHOCK-		-PRESSURE-		RELATIVE HUMIDITY	
		VOL	CUR	POM	FRE PRE	DEGREES C	FREQ	INT	INT	MAX DUR	INT	MS	TYP RANGE		
		TAG	REN	ER	QUE	SSU		RMS	GXG				PSI	PERCENT	
		E	T	NCY	RE		CPS	G	CPS	G	SEC	HR	A	A	
53666000															
53668000															
53724000															
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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK---				-PRESSURE-		RELATIVE HUMIDITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		VOL TAG	CUR REN	PGM ER	FRE QUE	PRE SSU NCY	RE	T	E	DEGREES C	TYP	HIGH	LOW	CPS	FREQ	INT RMS	INT GXS	INT DB	ICA		MAX INT	DUR	BLQ	MS	MIL PER	G	SEC	HR	PSI	A	PSI	A	TYP RANGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

-----VIBRATION-----SHOCK-----																	-PRESSURE-		RELATIVE HUMIDITY					
-----MECHANICAL-----ACQ																								
-----SINUSOIDAL-----RDM-----UST																								
-PERCENT OF RATED-																	-TEMPERATURE-							
																	DEGREES C				TYP RANGE			
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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	PERCENT OF RATED- VOL CUR POW FREQ PRE TAG REM ER QUE SSU E T		TEMPERATURE- DEGREES C TYP HIGH LOW		FREQ CPS		VIBRATION- MECHANICAL- SINUSOIDAL- INT RMS G		SHOCK- MAX DUR BLO INT		PRESSURE- TYP RANGE PSI		RELATIVE HUMIDITY PERCENT	
56482000	6645-785-8834	41	65	-37	10-2K	3.5	.05	100	6	0-95					
56492000	6401443-533-4238														
56494000	6401440-768-5431														
56512000	1560-011-1257														
56524000	1560-011-1258														
56526000	2620-810-5145														
56614000	2620-809-1344														
56628000															
56648000															
56652000															
56656000															
56662000															
57928000	6610-760-1713														
58016000															
58124000	MS-24550														
58130000															
58132000	6220-044-6034														
58162000															
58172000	6685-781-2865														
58178000															
58180000															
58198000															
58218000	6220-626-2604														
58232000															
58234000															
58252000															
58260000															
58266000															
58268000															
58288000															
58310000															
58314000															
58320000															
58458000															
58490000	631440-533-4232														
58518000															
58568000															
58578000															
58838000	1660-759-2295														
58844000	1660-759-2293														
58846000	1660-021-5482														
58866000	6615-755-7712														
58868000															
58878000															
58880000															

45 40-50

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100

10-2K 3.5

93

121 -54
121 -54
107 -54
107 -54
121 -54

ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION- MECHANICAL				-SHOCK-				-PRESSURE-				RELATIVE HUMIDITY	
		VOL		TAC		DEGREES C		FREQ		INT		INT		MAX DUR		BLG		TYP RANGE					
		RE	RE	RE	RE	TYP	HIGH	LOW	CPS	RMS	G	CPS	DB	INT	INT	MS	PER	PSI	PSI	A	A		TYP RANGE
58882000																							
58884000																							
58886000																							
58890000																							
58892000	1660-159-2294																						
58898000																							
58922000																							
58928000																							
58940000																							
58958000																							
58960000																							
58962000																							
58966000	6615-158-3612																						
58978000	6610-991-1271																						
58996000																							
59024000																							
59026000																							
59030000																							
59075000	1660-159-9068																						
59078000	1660-158-1575																						
59080000	1660-021-5481																						
59082000	1660-070-7377																						
59086000	6610-760-1718																						
59088000	1560-021-9923																						
59090000																							
59092000	6620-226-2283																						
59102000	1540-069-1806																						
59136000	1560-650-6371																						
59198000	1560-789-4692																						
59210000	1680-015-1104																						
59228000	1560-072-7862																						
59276000	1660-573-1744																						
59304000	1560-073-5086																						
59360000																							
59392000																							
59394000																							
59464000																							
59606000	1660-348-4500																						
59618000	1660-348-4500																						
59644000																							
59658000																							
59662000																							
59906000																							
59966000																							
60000000																							
60002000																							
60020000																							

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1958

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

STRESS LEVEL DATA/PART NO

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-		RELATIVE HUMIDITY																																																																																																																																																																																																																																																																																																																																																																																																	
		VOL TAG	CUR REN	PRE ER	QUE SSU	CY RE	TYP	HIGH	LOW	CPS	FREQ	INT RMS	INT G	INT G	INT G	INT G	INT G	INT G	INT G		INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G	INT G

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HOME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				VIBRATION				-SMOCK-				-PRESSURE-				RELATIVE HUMIDITY	
		VOL CUR POW FRE PRE				DEGREES C				MECHANICAL				ACO				TYP RANGE				PERCENT	
		TAG	REN	ER	QUE S U	TYP	HIGH	LOW	CPS	FREQ	INT	RMS	GXG	INT	L	ICA	MAX DUR	BLD	MS	INT	PSI	PSI	A
		E	T	NEV	RE																		
61784000																							
61794000																							
61800000																							
61818000																							
61836000	1660-759-1683																						
61874000																							
61878000																							
61972000	1660-796-1682																						
61992000																							
61994000																							
62002000																							
62036000	1650-226-2415																						
62038000	1650-226-2414																						
62042000	2840-326-7134																						
62048000	1650-226-2415																						
62050000	1650-226-2414																						
62052000	2915-393-7876																						
62056000	1650-226-2414																						
62058000	1650-226-2415																						
62156000																							
62188000																							
62192000																							
62208000	2915-580-7923																						
62224000																							
62242000	2915-032-8168																						
62244000																							
62272000																							
62292000																							
62432000	4820-535-6483																						
62524000																							
62526000																							
62544000																							
62576000																							
62578000																							
62590000																							
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62962000																							
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62980000																							
63012000																							
63044000																							
63046000																							
63074000																							
63076000																							

HOME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II
STRESS LEVEL DATA/PART NO

HOMELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL SID PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-			-TEMPERATURE-			-VIBRATION-			-SHOCK-			-PRESSURE-			RELATIVE HUMIDITY							
		VOL	CUR	POW	PRE	PRE	DEGREES C	FREQ	MECHANICAL			ALG			TYP RANGE	PERCENT								
									INT	RMS	CPS	INT	ICA	MAX			DUR	BLG	INT	HS	MIL PER	SEC HR	PSI	PSI
		TAC	REN	ER	QVE	SSU	MCV	RE	TYP	HIGH	LOW	CPS	INT	RMS	CPS	DB	G	SEC	HR	PSI	PSI	A	A	TYP RANGE
64192000																								
64216000																								
64236000	1660-573-1747																							
64248000																								
64280000																								
64338000	4730-810-0511																							
64340000	4730-810-0511																							
64388000	1630-755-1320																							
64390000	4730-768-2328																							
64422000	4730-781-9835																							
64426000																								
64452000																								
64480000																								
64492000																								
64540000	1650-830-7977																							
64564000																								
64594000									100	77	82	71												
64596000									100	77	82	71												
64598000									100	77	82	71												
64600000									100	77	82	71												
64602000										69														
64604000									N	80 F														
64628000																								
64630000																								
64680000	2915-074-0437																							
64690000	2915-775-9195																							
64722000	1650-015-2137																							
64744000	2915-632-7932																							
64746000	1650-015-2137																							
64748000																								
64762000	2915-074-1721																							
64764000																								
64766000	1660-573-8478																							
64768000	2915-074-0439																							
64770000	1660-726-1744																							
64772000	1660-576-6481																							
64780000																								
64800000	2915-632-7932																							
64874000																								
64886000																								
64892000	1660-796-1680																							
64898000	1660-796-1672																							
64938000																								
64942000																								
64946000																								

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100 77 82 71
100 77 82 71
100 77 82 71
N 80 F

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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
SECTION II STRESS LEVEL DATA/PAR. NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-			-TEMPERATURE-			-VIBRATION-				-SHOCK-		-PRESSURE-		RELATIVE HUMIDITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		VOL	CUR	PDM	FREQ	DEGREES C	-SINUSOIDAL-		-MECHANICAL-		ICA	MAX DUR	BL0	TYP RANGE	PERCENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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ROME AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-				-TEMPERATURE-				-VIBRATION-				-SHOCK-				-PRESSURE-		RELATIVE HUMIDITY								
		VOL	CUR	PBM	FRE	PRE	DEGREES C	FREQ	INT	INT	GNG	DB	G	SEC	HR	A	A	TYP	RANGE		PERCENT							
E	I	TAG	REN	ER	QUE	SSU	NCY	RE	IYP	HIGH	LOW	CPS	G	RMS	GNG	INT	INT	MAX	DUR	DLG	INT	W3	MIL	PER	PSI	PSI		
66720000																												
66730000																												
66756000																												
66750000																												
66762000																												
66770000																												
66772000																												
66774000																												
66780000																												
66810000																												
66830000																												
66850000																												
66852000																												
66856000																												
66858000																												
66874000																												
66960000																												
66982000																												
66984000																												
67050000																												
67052000																												
67150000																												
67170000																												
67190000																												
67194000																												
67214000																												
67216000																												
67218000																												
67220000																												
67224000																												
67226000																												
67230000																												
67240000																												
67250000																												
67258000																												
67262000																												
67270000																												
67274000																												
67276000																												
67278000																												
67280000																												
67282000																												
67296000																												
67300000																												
67302000																												

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ROME AIR DEVELOPMENT CENTER, WRIGHT-PATTERSON AFB, OHIO
SECTION II

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

STRESS LEVEL DATA/PART NO

CROSS INDEX REF NO	MIL STD PART NO/ FEDERAL STOCK NO	-PERCENT OF RATED-		-TEMPERATURE-		-VIBRATION-		-SHOCK-		-PRESSURE-		RELATIVE HUMIDITY
		VOL CUR P2W FREQ	TAG REN ER QUE SSU	DEGREES C	FREQ	INT	INT	INT	INT	MAX DUR	INT	PERCENT
		E	Y	100	HIGH	LOW	CPS	MIN	MAX	PER	PSI	PSI
6730400C												
6730800C												
6731400C												
6731800C												
6731800C												
6738400C												
6738800C												
6739800C												
6741400C												
6743200C												
6743400C												
6743600C												
6743800C												
6744000C												
6744200C												
6744800C												
6745200C												
6745400C												
6745800C												
6746000C												
6747000C												
6747200C												
6747400C												
6748000C												
6748800C												
6751000C												
6762200C												
6764000C												
6770800C												
6784000C												
6782000C												
6783200C												
6783400C												
6783600C												
6784400C												
6785200C												
6785400C												
6785600C												
6786400C												
6788200C												
6788600C												
6794000C												
6795000C												
6822400C												

ARMC AIR DEVELOPMENT CENTER, GRIFFISS AFB, N.Y.
 SECTION II STRESS LEVEL DATA/PART NO

NON-ELECTRONIC PART FAILURE RATE DATA

JANUARY 1968

CROSS INDEX REF NO	MIL STD PART NO / FEDERAL STOCK NO	-PERCENT OF RATED- VOL CUR PGM FRE PRE TAG REN ER QUE SSU E T MCY RE		-TEMPERATURE- DEGREES C TYP HIGH LOW		-VIBRATION- MECHANICAL SINUSOIDAL INT RMS G		-SHOCK- TCA MAX DUR BLG INT INT MS DB G SEC MR		-PRESSURE- TYP RANGE PSI A		RELATIVE HUMIDITY PERCENT
68100000												
68110000	1430-812-8847											
68114000	1630-081-6687											
68156000												
68158000												
68204000												
68230000	1560-075-8908											
68312000												
68378000	1560-204-3782											
68532000												
68700000	1560-789-4596											
68874000												
68918000												
68920000												
68924000												
68926000												
68964000												
69030000	1680-555-2930											
69058000												
69068000												
69070000												
69210000	1620-027-1190											
69256000												
69268000												
69271000												